

CLAIMS:

1. Variable focus lens package (1), comprising:
 - a body (10), which is provided with a through-hole (11) for providing a light path through the body (10), wherein at least a surface layer of the body (10) comprises an electrically conducting material and which body is provided with covers (30, 70) for closing off the through-hole (10), which are optically transparent in the light path;
 - 5 - an electrically insulating fluid (87) and an electrically conducting fluid (86), which are contained by a fluid chamber (85) enclosed by the covers (30, 70) and an inner surface (15) of the through-hole (11) of the body (10), which are non-miscible, and which are in contact over a meniscus (88), wherein a shape of the meniscus (88) is variable under the application of a voltage between the electrically conducting surface of the body (10) and the electrically conducting fluid (86);
 - an electrically insulating member covering at least the portion of the surface of the body (10) contacting the electrically conducting fluid (86);
 - sealing means (50, 60) for sealing the fluid chamber (85); and
 - 15 - at least one expansion member (60, 65) which is at least partially flexible and which is part of a circumscription of the fluid chamber (85), wherein said expansion member (60, 65) is capable of compensating for variations of the volume of the fluids (86, 87) by keeping a pressure prevailing inside the fluid chamber (85) at a substantially fixed level, and wherein said expansion member (60, 65) comprises at least a portion of the sealing means
 - 20 (60).
2. Variable focus lens package (1) according to claim 1, wherein the expansion member (60, 65) further comprises a resilient member (65) for biasing the portion of the sealing means (60) which is part of the expansion member (60, 65) against the fluids (86, 87)
- 25 inside the fluid chamber (85).
3. Variable focus lens package (1) according to claim 1 or 2, wherein at least a portion of the expansion member (60, 65) is slidably arranged with respect to a portion (18) of the surface of the body (10).

4. Variable focus lens package (1) according to any of claims 1-3, wherein at least a portion of the expansion member (60, 65) is slidably arranged with respect to a portion of a surface (36, 76) of one of the covers (30, 70).
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5. Variable focus lens package (1) according to any of claims 1-4, wherein the portion of the sealing means (60) which is part of the expansion member (60, 65) comprises a sealing ring (60).
- 10 6. Variable focus lens package (1) according to claim 5, wherein the expansion member (60, 65) further comprises a resilient ring (65) surrounding the sealing ring (60).
7. Camera comprising a camera module (90) and a variable focus lens package (1) according to any of claims 1-6.
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8. Hand-held apparatus comprising a camera according to claim 7, and further comprising input means, information processing means and display means.